SEARCHLIGHT SECTION

OFFICIAL PROPOSALS

Copy: Official Proposals reaching our New York Office by 10 A. M., Tuesday can usually be printed in the issue out Thursday.

Rate:
40 Cents a Line an Insertion

Plans and Specifications for inspection by distant bidders may be filed at any of the Engineering News-Record offices without charge.

THESE ADVERTISEMENTS ARE OFFICIAL NOTICES THAT BIDS ARE WANTED FROM BIDDERS EVERYWHERE.

OFFICIAL PROPOSALS

Bids: May 14.

Extension to Water Works Distributing System

Liberty, N. Y.

Sealed proposals for the installation of Cast Iron Water Pipe and Specials, required for a new water Main and for Extensions to the Distributing System of the Water Works of the Village of Liberty, New York, will be received by the Board of Water Commissioners, at the office of the Village Clerk until 8 o'clock p.m., Standard Time, on May 14th, 1923, when they will be publicly opened and read. Proposals shall be enclosed in an envelope furnished by the Village Clerk, sealed and addressed, and shall be accompanied by a certified check in the sum of 5 per cent of the amount of the proposal. The contractor to whom the award is made will be required to furnish Surety Company bond in the sum of 50 per cent of the amount of the contract within thirty days after official notice of award of contract and in accordance with the terms of the specifications.

The work consists in installing about 9 miles of 8" Pipe, etc.

The right is reserved to reject any or all bids, and to let the work in one or two parts.

The Engineer plans to be in Liberty on April 30th and May 7th at 12 o'clock noon, for the purpose of going over the route of the pipe lines with prospective bidders and supplying additional information desired.

Plans and specifications may be seen at the office of the Village Clerk, Liberty, N. Y., or at the office of the Engineer, Henry W. Taylor, 149 Broadway, New York City, and specifications and blank forms of proposal may be obtained at the office of the Village Clerk in his discretion. Plans will be sent to prospective bidders by the Clerk or Engineer upon receipt of $5.00.

Dated April 23, 1923.

Signed by THEO. S. KESSLER,
Village Clerk.

Bids: May 16.

Pipe Line

San Francisco, Calif.

OFFICE OF THE BOARD OF PUBLIC WORKS OF THE CITY AND COUNTY OF SANFRANCISCO, APRIL 13, 1923.

Sealed proposals will be received at this office between the hours of 2:00 o'clock p.m. and 3:00 o'clock p.m. Wednesday, the 16th day of May, 1923, for:

Construction of the Bay Crossing Pipe Line in the Bay Crossing Division of the Hetch Hetchy Aqueduct Contract No. 90, Hetch Hetchy Water Supply.

The pipe line will be located in the vicinity of Irvington and Redwood City, Calif., and will be 19.45 miles long. Alternative bids will be considered on 60 inch riveted steel pipe or 58 inch lock bar or welded steel pipe or equivalent diameters suited for nesting pipe for shipment. Provision is made for division into two contracts covering 9.2 miles and 10.25 miles respectively.

Specifications accompanied by proposal forms and official advertisement may be obtained from the office of M. M. O'Shaughnessy, City Engineer, City Hall, on deposit of $20.

By order of the Board of Public Works.

W. J. FITZGERALD,
Secretary.

OFFICIAL PROPOSALS

Bids: May 7.

Highway Maintenance Materials

Trenton, N. J.

Notice is hereby given that sealed bids will be received by the State Highway Commission of New Jersey for the following highway maintenance materials:

Tar, Asphalt, Bituminous Concrete, Sheet Asphalt, and Crushed Slag, Dustless Screenings, in the following approximate quantities:

364,625	gallons of Tar, Grade "B" or "UB"
36,052	gallons of Asphalt, Grade "HHO"
10,705	gallons of Tar, Grade "X" or "U3"
6,317.5	tons of Bituminous Concrete, Type "FABC-1"
64	tons of Sheet Asphalt, Type "SA"
8,645	tons of Crushed Slag, Dustless Screenings.

Bids will be received at the Assembly Chamber, State House, Trenton, New Jersey, on Monday, May 7th, 1923, at 11 A.M., Standard Time, and opened and read immediately thereafter.

Points of delivery and other details will be furnished upon application to A. W. Muir, Superintendent of Maintenance, 517 Broad Street Bank Bldg., Trenton, New Jersey.

Specifications, form of bid, special addressed envelope, and conditions under which bids will be accepted for the above are on file in the office of A. W. Muir, Superintendent of Maintenance, 517 Broad St., Bank Bldg., Trenton, N. J., and may be obtained upon request. Bids must be made upon the proposal forms furnished, in the manner designated therein, and as required by the specifications, same to be enclosed in sealed special addressed envelopes which will be furnished each bidder with the bid blank, bearing the name and address of the bidder on the outside, and must be accompanied by a certified check drawn to the order of the Treasurer of the State of New Jersey for not less than ten per cent (10%) of the amount of the bid, provided that the said certified check shall not be less than $500.00 nor more than $20,000.00, and be delivered at the above place on or before the hour named. Bids not submitted on the standard proposal form or enclosed in other than the special envelope will be considered informal and will be rejected.

The State Highway Commission reserves the right to reject any or all bids.

By order of the State Highway Commission.

A. LEE GROVER,
Chief Clerk.

Bids: May 15.

Paving

St. Petersburg, Fla.

Sealed proposals will be received by the Director of Finance of the City of St. Petersburg, Fla., until 7:30 p.m., May 15, 1923, for building about 468,000 sq.yd. of No. 1 brick pavements and 37,000 sq.yd. of No. 2 brick pavements or 466,000 sq.yd. of asphalt block, asphaltic concrete, sheet asphalt or Willite process pavements and 39,000 sq.yd. of No. 1 brick pavements with about 357,000 lin.ft. of granite or concrete curbing and 103,000 cu.yd. of excavation.

The City reserves the right to reject any and all bids.

Further information on application.

DIRECTOR OF FINANCE,
St. Petersburg, Fla.

OFFICIAL PROPOSALS

Bids: May 7.

Highway Work

Trenton, N. J.

Notice is hereby given that sealed bids will be received by the State Highway Commission of New Jersey for the construction of the following:

Route No. 6, Section No. 15, Broadway in the City of Gloucester, Camden County; estimated amount of ten inch (10") two line reinforced concrete pavement, 5,494 square yards.

Route No. 5, Section No. 7, Mine Hill, Morris County; estimated amount of eight inch (8") two line reinforced concrete pavement 2,665 square yards; estimated amount of Granite Block pavement on a six inch (6") concrete base, 6,836 square yards.

Bids will be received at the Assembly Chamber, State House, Trenton, New Jersey, on Monday, May 7th, 1923, at 11:00 A.M., Standard Time, and opened and read immediately thereafter.

Drawings, specifications and form of bid, contract and bond for the proposed work are on file in the office of the State Highway Department, Trenton, New Jersey, and may be inspected by prospective bidders. Plans will be furnished on deposit of Ten Dollars ($10.00) upon application to the State Highway Department, 9th floor Broad Street Bank Building, Trenton, New Jersey. Bids must be made on the standard proposal forms in the manner designated therein, and as required by the 1922 specifications, same to be enclosed in sealed special addressed envelopes bearing the name and address of bidder and the name and section of the route on the outside, and must be accompanied by a certified check drawn to the order of the Treasurer of the State of New Jersey for not less than ten per cent (10%) of the amount of the bid, provided that the said certified check shall not be less than $500.00 or more than $20,000.00, and be delivered at the above place on or before the hour named. Copies of the standard proposal form and special addressed envelope will be furnished on application. Bids not enclosed in special envelopes will be considered informal and will not be opened.

Each bidder must accompany his bid with a certificate from a surety company duly authorized to do business in this State, stating that such surety company will provide said bidder with a bond in such sum as is required in and in accordance with the provisions of the said specifications, conditioned for the faithful performance of the provisions of the contract and specifications. Each bidder must also accompany his bid with a Statement of Equipment properly filled out.

By order of the State Highway Commission.

A. LEE GROVER,
Chief Clerk.

Bids: June 1.

Pier

Charleston, S. C.

Sealed proposals will be received by the Port Utilities Commission of Charleston, S. C., at its office Room 712 Peoples Building until noon June 1, 1923, and then publicly opened for constructing a pier (exclusive of earth fill) on Town Creek, Charleston Harbor.

Specifications and proposal forms will be furnished to prospective bidders on deposit of $5, which will be refunded to depositors who submit proposals or return sets in good condition. Further information on application.

H. M. GALLAGHER,
General Manager.

OFFICIAL PROPOSALS

Bids: May 15.

Highway Work

Baltimore, Md.

Sealed proposals for building 10 sections of State Highway, as follows:

Garrett Co. Cont. G-25: One section of State Highway between Gortner and Red House for a distance of 2.0 miles. (Concrete.)

Washington Co. Cont. W-25: One section of State Highway between Hagerstown and Leitersburg, a distance of 5.3 miles. (Mac. Recon.)

Montgomery Co. Cont. M-41: One section of State Highway from Clarksburg toward Hyattstown for a distance of a 1.0 mile. (Concrete.)

Montgomery Co. Cont. M-37: One section of State Highway from Dawsonville toward Seneca for a distance of 1.0 mile. (Concrete.)

Montgomery Co. Cont. M-25-A: One section of State Highway along the Rockville Pike from the Dist. Line to Bethesda, a distance of 3.0 miles. (Concrete Shoulders.)

Howard Co. Cont. Ho-33: One section of State Highway from West Friendship toward Ivory for a distance of 1.4 miles. (Concrete.)

Anne Arundel Co. Cont. AA-32: One section of State Highway between the Defense Highway and Iglehart, a distance of 1.0 mile. (Concrete.)

Kent Co. Cont. K-22: One section of State Highway from Chestertown toward Pomona for a distance of 2.0 miles. (Concrete.)

Cecil Co. Cont. Ce-44: One section of State Highway through Port Deposit for a distance of 1.4 miles. (Concrete.)

Cecil Co. Cont. Ce-46: One section of State Highway along the Glascow Road from Elkton to the Delaware Line, a distance of 2.0 miles. (Concrete.)

will be received by the State Roads Commission, at its offices, 601 Garrett Building, Baltimore, Maryland, until 12 M. on the 15th day of May, 1923, at which time and place they will be publicly opened and read.

Bids must be made upon the blank proposal form which, with specifications and plans will be furnished by the Commission upon application and cash payment of $1.00, as hereafter no charges will be permitted.

No bids will be received unless accompanied by a certified check for the sum of five hundred ($500) dollars, payable to the State Roads Commission.

The successful bidder will be required to give bond, and comply with the Acts of the General Assembly of Maryland, respecting contracts.

The Commission reserves the right to reject any and all bids.

By order of the State Roads Commission this 26th day of April, 1923.

JOHN N. MACKALL, Chairman.
L. H. STEUART, Secretary.

Bids: May 7.

Sewers

Pottstown, Penna.

Sealed proposals for the construction of sanitary sewers will be received until 2 p.m. Monday, May 7, 1923, at the office of the Secretary of Council and will then be publicly opened and read.

Diameter	Length	Trenches Earth	Cu. Yards
4 in.	25,000 ft.	0 ft.- 4 ft. deep	18,740
6 in.	19,000 ft.	4 ft.- 8 ft. "	8,794
8 in.	1,944 ft.	8 ft.-12 ft. "	509
10 in.	330 ft.	12 ft.-16 ft. "	28
12 in.	2,350 ft.		
15 in.	1,310 ft.		
18 in.	1,425 ft.	Rock	
		0 ft.- 4 ft. deep	453
		4 ft.- 8 ft. "	2,856
		8 ft.-12 ft. "	494
		12 ft.-16 ft. "	46

Test pits indicate clay, sand and rock.

Material of construction, Vitrified sewer pipe.

Certified check for $5,000 to accompany bids.

Right is reserved to reject any or all bids.

Plans and specifications will be furnished by the Secretary of the Council, or by Gannett, Seelye & Fleming, Incorporated, Engineers, upon deposit of $25.00, said money to be refunded upon return of same.

GEORGE A. WOHL,
Chairman of Sewer Committee,
Pottstown, Penna.
M. L. SEASHOLTZ,
Secretary of Council,
Pottstown, Penna.

Gannett, Seelye & Fleming, Inc.,
Engineers,
1 N. Market Square,
Harrisburg, Penna.

Bids: May 16.

Highway Work

OFFICE OF STATE COMMISSION OF HIGHWAYS

Albany, N. Y.

Sealed proposals will be received by the undersigned at their office No. 55 Lancaster Street, Albany, N. Y., at one o'clock p.m., advanced standard time, which is 12 o'clock noon Eastern Standard Time on Wednesday, May 16, 1923, for the improvement of highways in the following counties:

Cayuga .....(One highway: 3.28 miles)
Columbia .....(One highway: 2.52 miles)
Jefferson .....(One highway, 3.38 miles)
Montgomery ....(One highway: 0.92 miles)
Warren .....(One highway: 3.94 miles)
Wayne .....(One highway: 4.90 miles)

Also for the reconstruction of the following:

Jefferson .....(One contract: 2.95 miles)
Oneida .....(One contract: 1.44 miles)
Schuyler .....(One contract: 1.35 miles)
St. Lawrence ....(One contract: 3.83 miles)
Sullivan .....(One contract: 4.82 miles)
Ulster .....(One contract: 3.14 miles)

Maps, plans, specifications and estimates may be seen and proposal forms obtained at the office of the Commission in Albany, N. Y., and also at the office of the Division Engineers in whose division the roads are to be improved or reconstructed. The addresses of the Division Engineers and the counties in which they are in charge will be furnished upon request.

The especial attention of bidders is called to "General Information for Bidders" in the itemized proposal, specifications and contract agreement.

FREDERICK STUART GREENE,
Commissioner.
W. A. PATTON, Secretary.

Bids: May 7.

Sewers

Butler, N. J.

Pursuant to a resolution adopted the 16th day of April, 1923, the Council of the Borough of Butler, N. J., will receive at its meeting, to be held on the 7th day of May, 1923, at 7:30 P.M. (standard time) at the Municipal Building in the Borough, sealed proposals for furnishing materials and doing all other work required for the construction of sewers left unfinished by the abandonment of a previous contract.

The work includes approximately 5,000 feet of vitrified tile sewers from ten (10) to twenty (20) inches in diameter and 60 feet of four (4) and six (6) inch siphon lines, with manholes, siphon manholes and appurtenances complete.

Plans may be seen and specifications and forms of proposals obtained at the office of the Borough Clerk at Butler, N. J., or at the office of Clyde Potts, 30 Church Street, New York City.

Plans and specifications may be taken away upon the payment of ten dollars ($10.00), the same to be returned if the plans are returned within twenty (20) days, in good condition.

Each bid must be accompanied by a certified check on a solvent bank for $2,000.

The Borough Council reserves the right to reject any and all proposals and to waive any informality in the proposals received, and to accept any proposals which they deem to be most favorable to the interests of the Borough.

D. D. SMITHYMAN,
Chairman, Sewer Committee.
JOHN F. BORMUTH,
Borough Clerk.

Bids: May 15.

Miscellaneous Materials

St. Petersburg, Fla.

Sealed proposals will be received by the Director of Finance of the City of St. Petersburg, Fla., until 7:30 p.m., May 15, 1923, for purchasing No. 1 brick for about 468,000 sq.yd. of pavements and No. 2 brick for about 37,000 sq.yd. of pavements or for furnishing asphalt block for about 466,000 sq.yd. of pavements and No. 1 brick for about 39,000 sq.yd. of pavements and for furnishing about 357,000 lin.ft. of concrete or granite curbing and headers and about 1,000,000 lb. of asphalt filler.

The City reserves the right to reject any and all bids.

Further information on application.

DIRECTOR OF FINANCE,
St. Petersburg, Fla.

Bids: May 22.

Lake Intake Pipe—Tunnel—Conduit

Portland, Maine

Sealed proposals will be received by the Trustees of the Portland Water District at their office, 16 Casco Street, Portland, Maine, up to 2 p.m., Eastern Standard time, on Tuesday, May 22, 1923, for four contracts as follows:

1. For furnishing about 3,500 linear feet 54-inch reinforced concrete, or steel water pipe.

2. For laying about 1,600 linear feet of 54-inch lake intake pipe of reinforced concrete, or steel (Section I of the New Conduit at Sebago Lake).

3. For building about 2,100 feet of tunnel (almost wholly through rock), 7 feet in diameter of excavation, and 5 feet in diameter of lined section (Section II of the New Conduit at Sebago Lake).

4. For laying about 1,900 linear feet of 54-inch reinforced concrete, or steel conduit from the tunnel to connect with the existing mains. (Section III of the New Conduit at Sebago Lake.)

Said proposals will be publicly opened and read at the above stated time and place.

All bids must be upon the blank form of proposal furnished by the Trustees and must be accompanied by the required certified check. Bonds will be required for the faithful performance of the contracts.

The printed forms of "Information for Bidders, Form of Proposal, Contract and Bond, and Specifications, and Contract Drawings," will be available at the office of the Trustees.

The samples of wash and core drill borings taken over the area traversed by the tunnel, may also be examined at the office of the Trustees.

The site of the work may be examined at the convenience of the bidders.

A deposit of Ten Dollars ($10.00) will be required for contract drawings.

The right is reserved to reject any or all bids.

THE TRUSTEES,
Portland Water District.
HARRY U. FULLER,
Chief Engineer, Portland Water District.
METCALF & EDDY,
Consulting Engineers,
14 Beacon Street, Boston, 9, Mass.

Bids: May 21.

Paving Construction

St. Paul, Minn.

Sealed proposals will be received by the County Board, Ramsey County, at the office of the County Auditor, until 10 a.m., May 21, 1923, for the construction of pavements, grading, and the necessary accessories for project number (23-02) (23-55), approximately sixty thousand (60,000) square yards of paving. Bids must be accompanied by certified check or bidder's bond of 10% of the total bid price. Plans and specifications can be procured at the office of the County Engineer of Ramsey County, St. Paul, Minnesota. This project is the first one to be let in connection with the six million ($6,000,000) dollar road program.

PAUL N. COATES, County Engineer.

Bids: May 17.

Paving

Poughkeepsie, N. Y.

Sealed proposals will be received by the Board of Public Works until 4:00 p.m. May 17, 1923, at Eastman Park Mansion in the City of Poughkeepsie for the following approximate items:

38,000 square yards Asphalt Pavement on concrete foundation.
10,000 square yards Granite Block Pavement on concrete foundation.
100 square yards Brick Pavement adjusted.
3,000 lineal feet New Blue-stone Curb set in concrete.
10,000 lineal feet of Old Blue-stone Curb re-set in concrete.

A certified check for five (5) per cent of the amount of the bid must accompany each proposal.

Specifications may be examined at the office of the Board of Public Works or will be forwarded on receipt of five dollars, which amount will be refunded when the specifications are returned in good condition. The Board reserves the right to reject any or all bids.

By ORDER OF THE BOARD
OF PUBLIC WORKS
THOMAS F. LAWLOR, Superintendent.
April 28, 1923.

OFFICIAL PROPOSALS

Bids: May 10.

Street Paving Construction

Ellwood City, Pa.

Sealed proposals will be received by the Borough Council of Ellwood City, Pa., at the office of the Borough Clerk, 228 Sixth Street, until 7:30 o'clock p.m., eastern standard time, Thursday, May 10, 1923, for grading, curbing and paving Line Avenue from Gregg Street to the east Borough Line near Johnson's Run, joining with the improved State Road leading from New Castle.

The work will consist of about 7,000 cubic yards of excavating, 8,000 lineal feet of concrete curb and gutter, 13,000 square yards of block paving with concrete foundation, 9 storm water inlets and 300 lineal feet of storm sewer.

All bids must be made upon blanks provided in the proposals furnished to bidders. Evidence of suitable equipment and ability to get material must accompany each bid.

Bids must be accompanied by a certified check made payable to the Borough of Ellwood City for the sum of $1,000 to insure the good faith of the bidder.

Plans, specifications and bidding blanks may be obtained at the office of Alex Main, Borough Engineer, 228 Sixth Street, upon payment of $5.00, which sum will be returned to the bidder if a bona-fide bid is submitted upon the above date and the plans are returned in good condition.

The right to reject any or all bids is reserved and the right to waive any immaterial defect or irregularity in the bids if it should be in the interest of the Borough to do so.

By Order of Borough Council.
GEO. A. REUFF,
F. E. MOORE,
CARL C. DAVIDSON,
Street Committee.

Bids: May 11.

Street Improvement

Westfield, N. Y.

Sealed proposals will be received by the Board of Trustees of the Village of Westfield, N. Y., until 8 p.m., May 11, 1923, for the improvement of the following streets:

Paving of Union Street from the south line of Main Street to the south line of Second Street with reinforced concrete or brick pavement, with concrete base, with 2,940 lineal feet of curb, 5,275 square yards.

Paving of Pearl Street from the north line of Main Street to the south line of Jefferson Street with 18 feet wide reinforced concrete pavement, without curb, 2,490 square yards.

Plans and specifications are on file in the office of John Riley, Clerk of the Village, Westfield, New York, and at the North East Pa. office of Hill and Hill, Engineers.

A certified check of 5% of the amount of the bid must accompany each proposal. The right is reserved to reject any or all bids.

J. A. RILEY,
Per J. C. H. Village Clerk.

Bids: May 25.

Constructing Coagulation Basins

CONTRACT 44
BALDWIN-FAIRMOUNT PROJECT
Cleveland, Ohio.

Sealed proposals will be received at the office of the commissioner of purchases and supplies, room 219, City Hall, until 12:00 o'clock noon, official Cleveland time, Friday, May 25, 1923, for constructing coagulation basins, for the division of water, and will be opened and read in the council chamber immediately thereafter.

Each bid must be accompanied by a certified check on a solvent bank for thirty thousand ($30,000) dollars, drawn payable to the city of Cleveland, as surety for the acceptance of the contract.

Each bid must be made in accordance with the plans and specifications which may be obtained at the division of water drafting room, 213 City Hall, upon the deposit of fifty dollars ($50.00) per set, said deposit to be redeemed upon the return of said plans and specifications in good condition.

No proposal will be entertained unless made on the blank forms furnished by the division of water, and delivered at the office of the commissioner of purchases and supplies, previous to 12:00 o'clock noon on the day above specified.

The city reserves the right to reject any or all bids.

This contract includes 40,000 cubic yards of concrete, 2,500,000 pounds of reinforcing steel, sluice gates, mud valves, pipe, castings and miscellaneous items.

A. V. RUGGLES,
Commissioner of Water.

OFFICIAL PROPOSALS

Bids: May 9.

Subway Construction

Rochester, N. Y.

Sealed proposals will be received at the office of the Board of Contract and Supply, 37 City Hall, Rochester, N. Y., until 11 a.m., May 9, 1923, for subway construction, Contract No. 2, from Court Street to the crossing of the Rochester & Eastern Rapid Railroad, a distance of about five miles; pursuant to the provisions of Ordinance No. 6162, adopted by the Common Council January 23, 1923.

The work will consist of excavation in the abandoned Erie Canal and the construction of a rapid transit railway therein, including the necessary tracks, sidings, stations, bridges and incidental work.

All proposals must be made upon the blank form of proposal which, together with the plans, specifications, engineer's estimates of quantities and other information, will be furnished at the office of the City Engineer, 52 City Hall, after April 25, 1923.

A deposit of twenty dollars ($20) will be required by the City Engineer for copies of plans and specifications furnished to prospective bidders, which deposit will be returned only to bidders submitting proposals, upon the return of said plans and specifications.

A certified check for one hundred thousand dollars ($100,000) payable to the City of Rochester, must accompany the proposal as an earnest of good faith, and the successful bidder or bidders will be required to execute to the City a Surety Company bond in the sum of one million dollars ($1,000,000) for the faithful performance of the contract and the payment of all laborers' wages.

Each proposal must be enclosed in a sealed envelope addressed to the Board of Contract and Supply, and must be indorsed on the envelope with the title of the work for which the proposal is made.

The Board reserves the right to reject all bids if it shall deem it for the best interests of the City. HIRAM I. DAVIS,
Secretary.

Bids: May 23.

Steel Penstocks and Accessories

San Francisco, Calif.

OFFICE OF THE BOARD OF PUBLIC WORKS OF THE CITY AND COUNTY OF SAN FRANCISCO, APRIL 13, 1923.

Sealed proposals will be received at this office between the hours of 2:00 o'clock p.m. and 3:00 o'clock p.m. on Wednesday, the 23rd day of May, 1923 for:

Furnishing, delivering and installing steel penstocks and accessories for the Moccasin Creek Power Plant Contract No. 91, Hetch Hetchy Water Supply.

The work will be located near Groveland, Tuolumne County, Calif. Approximately 7,900 tons of riveted steel pipe or 6,000 tons of welded steel are required. Provision is made for division into two contracts for about 18 and 82 per cent of the whole respectively.

Specifications accompanied by proposal forms and official advertisement may be obtained from the office of M. M. O'Shaughnessy, City Engineer, City Hall, on deposit of $20.

By order of the Board of Public Works,
W. J. FITZGERALD,
Secretary.

Bids: May 8.

Improvement of Streets

Henderson, Ky.

Sealed proposals will be received by the Commissioner of Public Works of Henderson, Kentucky, until twelve o'clock noon standard time on the 8th day of May, 1923, for the improvement of the following streets in the city of Henderson, Henderson County, Kentucky. Main street from the south margin of Fourth Street to the north margin of First Street; Elm Street, from the south margin of Third to the north margin of First; Green Street, from the south margin of Third to the north margin of First; to consist of paved carriage ways extending the full width of the street, wood curb and relaying gutters.

Requirements for bidding and Instructions to Bidders, Form of Proposal, Contract, Specifications, Form of Bond, and Plans may be obtained from the Commissioner of Public Works of the City of Henderson upon receipt of fifteen dollars ($15), which sum so deposited will be refunded if said plans, specifications, etc., are returned in good condition within thirty days after the opening of bids.

CITY COMMISSION OF HENDERSON, KENTUCKY

OFFICIAL PROPOSALS

Bids: May 16.

Highway Work

Dover, Del.

Sealed proposals will be received by the State Highway Department, at its office, Dover, Delaware, until 2 o'clock p.m., May 16, 1923, and at that place and time publicly opened, for the construction of State Highways, involving the following approximate quantities:

CONTRACT NO. CN-7, 2.21 MILES
MARSH ROAD

9,500	cu.yd. excavation.
4,000	cu.yd. borrow.
500	cu.yd. rock excavation.
200	tons sub-base.
100	tons broken stone base course.
3,875	cu.yd. cement concrete pavement.
80	cu.yd. Class A concrete.
2,000	lb. reinforcement.
300	lin.ft. 15-in. R. C. pipe.
28	lin.ft. 18-in. R. C. pipe.
102	lin.ft. 24-in. R. C. pipe.
70	lin.ft. 30-in. R. C. pipe.
60	lin.ft. 36-in. R. C. pipe.
200	lin.ft. relaid pipe.
1,800	lin.ft. 4-in. pipe underdrain.
2,000	sq.yd. Class A concrete gutter.
600	lin.ft. wire cable guard rail.

CONTRACT CN-10, 2.746 MILES
BEAR-STATE ROAD

14,000	cu.yd. excavation.
120	tons broken stone base course.
4,800	cu.yd. cement concrete pavement.
150	cu.yd. Class A concrete.
4,200	lb. reinforcement.
350	lin.ft. 15-in. R. C. pipe.
65	lin.ft. 18-in. R. C. pipe.
30	lin.ft. 24-in. R. C. pipe.
34	lin.ft. 36-in. R. C. pipe.
62	lin.ft. 48-in. R. C. pipe.
120	lin.ft. relaid pipe.
1,000	lin.ft. 4-in. pipe underdrain.
1,800	sq.yd. Class A concrete gutter.
600	lin.ft. wire cable guard rail.
800	lin.ft. shoulder curb.

CONTRACT NO. CN-11, 4.35 MILES
TOWNSEND-COLDWELL

½	acre clearing.
½	acre grubbing.
20,000	cu.yd. excavation.
1,500	cu.yd. borrow.
120	tons broken stone base course.
7,610	cu.yd. cement concrete pavement.
210	cu.yd. Class A concrete.
7,500	lb. reinforcement.
675	lin.ft. 15-in. R. C. pipe.
150	lin.ft. 18-in. R. C. pipe.
30	lin.ft. 24-in. R. C. pipe.
30	lin.ft. 30-in. R. C. pipe.
180	lin.ft. relaid pipe.
1,200	sq.yd. Class A concrete gutter.
400	lin.ft. wire cable guard rail.
1,200	lin.ft. shoulder curb.

CONTRACT NO. 48-C
FILL AT APPOQUINIMINK

3,000	cu.yd. borrow.

CONTRACT NO. CK-8A
HIGHWAY DRAINAGE SEWER
IN CAMDEN

4	catch basins.
1	outlet.
4	manholes.
1,600	lb. castings.
1,700	lin.ft. 15-in. vit. clay pipe (including excavation).

Performance of contract shall commence within ten (10) days after execution of the contract and be completed during 1923 as specified.

Monthly payments will be made for 90 per cent of the construction completed each month.

Bidders must submit proposals upon forms provided by the Department.

Each proposal must be accompanied by a surety bond, certified check, or money to the amount of at least ten (10) per centum of the total amount of the proposal.

The envelope containing the proposal must be marked "Proposal for the Construction of State Highway Contract No....."

The Contract will be awarded or rejected within twenty (20) days from the date of opening proposals.

The right is reserved to reject any or all bids.

Detailed plans may be seen and index plans and specifications may be obtained upon deposit of ten dollars ($10), which amount will be refunded upon return of plans and specifications in good condition at the office of

STATE HIGHWAY DEPARTMENT,
Dover, Delaware.

OFFICIAL PROPOSALS

Bids: May 10.

Sewerage System and Disposal

Cuba, N. Y.

Sealed proposals will be received by the Board of Trustees of the Village of Cuba, N. Y., until 2 o'clock p.m., on the 10th day of May, 1923, for the construction of a sewerage system and sewage disposal works.

Plans may be seen and specifications obtained at the office of the Board at Cuba, N. Y., or at the office of Hopkins & Field, Engineers, 349 Cutler Building, Rochester, N. Y.

The Board hereby reserves and has the right to reject any or all bids or to accept the one that in its judgment will be for the best interests of the Village.

A surety bond satisfactory to the Board and in amount of $25,000 will be required of the one to whom the contract may be awarded.

A certified check, made payable to the order of the Board of Trustees, Cuba, N. Y., to the amount of $2,000 must be deposited by each bidder and accompany his bid as a guarantee that in case the contract is awarded to him, he will, within ten days thereafter, execute such contract and furnish his bond.

Bids must be sealed and addressed to the Board of Trustees, Cuba, N. Y., and marked on the outside of the envelopes, "Proposal for Sewerage System and Disposal Works."

H. W. EVANS,
President.
A. O. RENWICK,
Trustee.
H. J. DEMCEY,
Trustee.

H. M. SETCHEL, Village Clerk.
Dated Cuba, N. Y., Apr. 16, 1923.

Bids: May 17.

Timber Bulkhead and Culvert

Newark, N. J.

Sealed proposals will be received from 10 to 10:15 a.m., on Thursday, May 17, 1923, at the office of the Director of the Department of Streets and Public Improvements, on the second floor of the City Hall, and publicly opened and read for the construction of a timber bulkhead and culvert at Port Newark Terminal.

Bids must be made upon blanks to be furnished by the department.

Plans and specifications and proposal blanks may be obtained at the office of the Bureau of Docks, room 205, City Hall.

Terms of proposal and surety required are fixed by the specifications.

The contract will be awarded to the lowest responsible bidder, the right being reserved to reject any and all bids or waive informalities therein, and to award contracts for the whole or any part thereof.

By direction of the Board of Commissioners of the City of Newark.

THOMAS L. RAYMOND,
Director, Department of Streets and Public Improvements.

Bids: May 14.

150-Foot Chimney

Norfolk, Va.

Sealed proposals will be received at the Office of the Director of Public Works, City of Norfolk, Virginia, until 12 o'clock noon on the 14th day of May, 1923, for one chimney 150 feet high and 5 feet inside diameter.

Instructions to Bidders, Form of Proposal, Specifications, Contract and Form of Bond may be inspected at the Office of the Director of Public Works, Norfolk, Virginia, or at the Office of the Consulting Engineer, Dabney H. Maury, 1445 Monadnock Block, Chicago, Ill., and a complete set of all of the above papers may be obtained by intending bidders either from the Director of Public Works or from the Consulting Engineer, upon application accompanied by a check or Postal Order for Ten Dollars ($10), payable to B. Gray Tunstall, City Treasurer, which amount will be refunded to the party depositing it on the return of all of the foregoing papers in good order.

A certified check on an approved bank either in the City of Norfolk, or in the City of New York or in the City of Chicago, in the sum of $300.00, and payable to B. Gray Tunstall, City Treasurer, must accompany each bid, subject to the conditions expressed in the Instructions to Bidders and Form of Proposal.

The City of Norfolk reserves the right to reject any or all bids.

WALTER H. TAYLOR, 3rd,
Director of Public Works.

OFFICIAL PROPOSALS

Bids: May 24.

Bridge Substructure

Chicago, Ill.

Sealed proposals for the construction of the substructure of a double leaf trunnion bascule bridge (Strauss type) over the main drainage channel of the sanitary district of Chicago, on the line of South California Avenue extended across said main drainage channel in the City of Chicago, County of Cook, State of Illinois, will be received by the clerk at the office of said sanitary district, Suite 700, 910 South Michigan Avenue, Chicago, Illinois, until 12 m., Standard Time, on Thursday, May 24, 1923, and will be publicly opened by the Board of Trustees of said sanitary district at a meeting to be held on that day or at the first meeting thereafter.

All proposals must be made upon blank forms of proposal furnished by the sanitary district, and bearing the personal signature of the chief engineer of said sanitary district and shall be made in accordance with and to conform to the terms and conditions set forth in "Requirements for Bidding and Instruction to Bidders," attached thereto.

Said proposals shall be enclosed in an envelope furnished by the said sanitary district, bearing the printed endorsement, "Proposal for Substructure, California Avenue Bridge" and the name and address of the bidder.

Forms of proposal, specifications and plans may be obtained upon deposit of twenty-five dollars ($25.00) at the office of said sanitary district, which sum, so deposited, will be refunded if said forms of proposal, plans and specifications are returned in good condition within thirty days following the opening of bids.

The Board of Trustees reserves the right to reject any or all proposals.

THE SANITARY DISTRICT OF CHICAGO.
By Willis O. Nance, Chairman of its Committee on Finance.
Attest:
HARRY E. WALLACE, Clerk,
Chicago, April 23, 1923.

Bids: May 15.

Storm Water Drains

St. Petersburg, Fla.

Sealed proposals for the construction of storm water drains will be received at the office of the Director of Finance of the City of St. Petersburg, Fla., until 7:30 p.m., May 15, 1923.

Approximately 67,939 feet of 10-inch to 84-inch pipe and all inlets, manholes and special structures.

Plans and specifications may be obtained from the Director of Finance upon the deposit of ten dollars ($10.00) to secure the return of same in good condition within thirty days.

Bidders must accompany their proposal with a certified check, payable to the Director of Finance, for not less than 5 per cent of their bid price.

The City reserves the right to reject any or all bids and to waive any or all technicalities in awarding contract.

H. T. DAVIS, Director of Finance.

Bids: May 9.

Light and Water Works Material

Granbury, Texas.

Sealed proposals will be received by the Mayor and City Council of the City of Granbury, Texas, at their regular meeting place until 10 o'clock a.m., May 9, 1923, for the following:

Two crude oil engines, directly connected to alternators, two motor-driven centrifugal pumps, motor-driven air compressor, switchboard, cast iron pipe, steel tank and tower, hydrants, valves, etc.

All proposals must be addressed to Mrs. Neil Hiner, City Secretary and marked, "Proposals for Light and Water Works Material."

Copies of the specifications may be obtained of the Engineers, Municipal Engineering Co., Dallas, Texas, or from the City Secretary, Granbury, Texas.

The right is reserved to reject any or all bids.

A. T. KEITH, Mayor.
MRS. NEIL HINER, City Secy.
Engineers:
MUNICIPAL ENGINEERING CO.,
715-16 Praetorian Bldg.,
Dallas, Texas.

OFFICIAL PROPOSALS

Bids: Nov. 30, 1923.

Sydney Harbour Bridge Tenders —Extension of Time

DEPARTMENT OF PUBLIC WORKS
Sydney, Australia,
January 31st, 1923.

Tenders are invited by the Government of New South Wales for the Construction of the Superstructure and substructure of a Cantilever Bridge across Sydney Harbour from Dawes Point to Milson's Point, embracing a main span of 1,600 feet in the clear, centre to centre of main piers, and a length of main bridge 2,600 feet centre to centre of anchor piers. The total length of main bridge and approach spans included in tender is 3,810 feet; also an Alternative Tender for the Construction of the Superstructure and Substructure of an Arch Bridge across Sydney Harbour from Dawes Point to Milson's Point, embracing a main span of 1,650 feet in the clear centre to centre of bearings. The total length of main bridge and approach spans included in tender is 3,770 feet. Either bridge is to provide for four lines of railway, six lines of vehicular traffic, and footway accommodation.

Copies of Specification, including Plans, General Conditions, and Tender Forms, may be obtained by bona fide tenderers on application to the Official Secretary, Australian Commissioner's Office, 44 Whitehall Street, New York City.

Tenders, the time for which has been extended, must reach the Under Secretary for Public Works, Sydney, New South Wales, not later than 30th November, 1923.

R. T. BALL,
Minister for Public Works and Railways.

Bids: May 16.

Concrete Retaining Walls

Freehold, N. J.

Notice is hereby given that sealed bids will be received by the Board of Chosen Freeholders of the County of Monmouth for the construction of reinforced concrete retaining walls at Bridge No. W-43 between Avon and Belmar and opened and read in public at the rooms of said board, Court House, Freehold, New Jersey, on May 16, 1923, at 11:00 a.m., Daylight Saving Time.

Drawings and specifications for the proposed work, prepared by George K. Allen, Jr., County Engineer, have been filed in the office of said engineer at 60 Broad Street, Red Bank, New Jersey, and may be inspected by prospective bidders during business hours. The standard proposal form is attached to the specifications, copies of which will be furnished on application to the engineer.

Plans and specifications will be furnished to prospective bidders upon payment of ten dollars ($10.00), which amount will be refunded upon return of plans and specifications before the time specified for the opening of bids.

Bids must be made on the standard proposal forms in the manner designated therein and required by the specifications, must be enclosed in sealed envelopes, bearing the name and address of the bidder and name of proposed work on the outside, addressed to the Board of Chosen Freeholders of the County of Monmouth and must be accompanied by a certified check for a sum not less than ten (10) per cent of the amount bid on the work, payable to the order of the County Treasurer and a surety company certificate stating that said surety company will provide the bidder with the required bond, and must be delivered at the place and before the hour above named.

The Board of Chosen Freeholders of the County of Monmouth reserves the right to reject any or all bids if deemed to the best interests of the county so to do.

By order of the Board of Chosen Freeholders of the County of Monmouth.

BRYANT B. NEWCOMB, Director.
Attest:
CHARLES E. COLE, Clerk.
Freehold, N. J., April 18, 1923.

Bids: May 15.

Sewer Materials

Hartford, Conn.

Bids will be received by the Board of Contract and Supply up to 10 a.m. standard time, May 15 for furnishing sewer materials as follows: (1) 6,738 feet of reinforced concrete pipe, 24" to 45" in diameter; (2) 3,026 feet of vitrified segment block 30" to 45" in diameter, and 3,712 feet of 24" tile pipe. Certified check for $200 required and a cash deposit of $5.00 for specifications. Further information on application to City Engineer.

WILLIAM F. O'NEIL, Secretary.
R. N. CLARK, City Engineer.